

Claims

1 1. A method of controlling link adaptation in a communication link at least one
2 end of the communication link have a transmission codec having a plurality of modes of
3 operation, the method comprising: monitoring the condition of a received signal, and
4 forwarding an instruction to change the mode of operation of the transmission codec
5 responsive to a change in the condition of the received signal.

1 2. The method of claim 1 in which there is a minimum period between the
2 forwarding of successive instructions.

1 3. The method of claim 2 in which the minimum period is 160ms.

1 4. The method of claim 1 in which the instruction to change the codec mode of
2 operation is a command or a request.

1 5. The method of claim 1 in which both ends of the communication link have a
2 transmission codec.

1 6. The method of claim 5 in which one end of the communication link forwards a
2 command to change the codec mode of operation and the other end of the
3 communication link forwards a request to change the codec mode of operation.

1 7. The method of claim 1 in which the communication link is a link in a mobile
2 communications system.

1 8. The method of claim 7 in which the mobile communications system is a packet
2 switched system.

1 9. A device for maintaining a communication link with another device, including:
2 means for receiving a signal from the other device; means for monitoring the condition
3 of the received signal; means, responsive to a change in the condition of the received

4 signal, for determining a new mode of operation of a transmission codec, and means for
5 transmitting the new mode of operation of the transmission codec to the other device
6 responsive to the change in the condition of the received signal.

1 10. The device of claim 9 wherein the means for transmitting the new mode of
2 operation is controlled such that there is a minimum period between successive
3 transmissions: